

18. (Previously Presented). The device as recited in Claim 12, wherein the object velocity is determined with the aid of a reference velocity .

Rule 1.126 19
20. (Previously Presented). The device as recited in Claim 13, wherein the object velocity is determined with the aid of a reference velocity.

20. (Previously Presented) The device as recited in Claim 14, wherein the object velocity is determined with the aid of a reference velocity.

21. (Previously Presented). The device as recited in Claim 11, wherein the object velocity is determined on the basis of a time characteristic of location information.

22. (Previously Presented) The device as recited in Claim 12, wherein the object velocity is determined on the basis of a time characteristic of location information.

23. (Previously Presented) The device as recited in Claim 13, wherein the object velocity is determined on the basis of a time characteristic of location information.

24. (Previously Presented) The device as recited in Claim 14, wherein the object velocity is determined on the basis of a time characteristic of location information.

25. (Previously Presented). The device as recited in Claim 11, wherein the environmental sensor system has at least one photonic mixer device.

26. (Previously Presented) The device as recited in Claim 12, wherein the environmental sensor system has at least one photonic mixer device.

27. (Previously Presented) The device as recited in Claim 11, wherein the environmental sensor system has a LIDAR system.

28. (Previously Presented) The device as recited in Claim 12, wherein the environmental sensor system has a LIDAR system.